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D Dolev, C Dwork, M Naor - Computing, 2000

... to achieve than NM-CCA- post), combined with any shared-key cryptosystem that ... and
Jaulmes and Joux [74] exploited these issues in attacking variants of NTRU. ...

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[PDF] Perspectives

IW LAN - Computing, 2001 - cnp-wireless.com

... authenticated by the distribution system (see Figure 1 ... same response based on the
shared key, validation is ... Jeffrey Hoffstein Assignee: NTRU Cryptosystems, Inc. ...

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... This "proof" was published in [BR94], and despite years of public scrutiny, it was ... that use RSA-OAEP use it simply as a key encapsulation mechanism, which ...

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V Shoup - Advances in Cryptology-Eurocrypt 2000, 2000 - [books.google.com](#)

... A key encapsulation scheme works just like a public key encryption scheme, except that the encryption algorithm takes no input other than the recipient's ...

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JG Nieto, K Viswanathan, C Boyd, E Dawson - Information Security and Privacy: 5th Australasian ..., 2000 - [books.google.com](#)

... a session key encrypted under the KRA's public key. ... KR techniques are commonly categorised into two types: key escrow and key encapsulation [17]. ...

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V Shoup - ISO/IEC JTC 1/SC, 2001 - [shoup.net](#)

... 4.2 Preliminaries 8.2.1 Public-key encryption and chosen ciphertext attack ... 8.2.2 Key encapsulation ...

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SY Lim, JH Ko, EA Jun, GS Lee - The Journal of Systems & Software, 2001 - Elsevier

... 4. Key encapsulation (eg, RecoveryKey (Walker et al., 1996), CyKey ... session-key, then

asymmetrically encrypts the session-key using the public-key of Key ...

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K Rantos, C Mitchell - Electronics Letters, 1999 - [ieeexplore.ieee.org](#)

... If the receiver does not have a public key because he is not using key escrow but a key encapsulation mechanism (or a public key that he might have does not ...

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K Rantos, CJ Mitchell - Cryptography and Coding: 8th IMA International Conference, ..., 2001 - books.google.com

... key encapsulation schemes appear to be more adaptable in this respect, since they simply wrap the generated data encryption key under the KRA's public ...

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J Angel - Commentary, 1999 - www2-test.warwick.ac.uk

... will be the driving force behind the development of many new services which vary from certification (eg likely to identify with a public key) to fully fledged ...

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Design of key recovery system using multiple agent technology forelectronic commerce

SY Lim, HS Hani, MJ Kim, TY Kim - Industrial Electronics, 2001. Proceedings. ISIE 2001.

IEEE ..., 2001 - ieeexplore.ieee.org

... 4. Key encapsulation (eg, RecoveryKey[23], CyKey [18], SecretAgent[2], IBM ... key, then

asymmetrically encrypts the session-key using the public- key of Key ...

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Security techniques for the global information infrastructure

W Fumy, I Haas - Global Telecommunications Conference, 1998. GLOBECOM 98. The ..., 1998 - ieeexplore.ieee.org

... is the development of certification services and of a public-key infrastructure

to ... Key recovery, key escrow and key encapsulation are techniques that can help ...

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... refer to a method of encrypting the message using such a shared random key as ... In particular, as the name implies, PSEC-KEM is a key encapsulation mechanism. ...

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... 28 4.4 Changes from PSEC-2 ... There are traditional, and fairly well known "hybrid" schemes to do this: one first uses Diffie-Hellman to derive a shared key, and then ...

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Timestamps in key distribution protocols

DE Denning, GM Sacco - Communications of the ACM, 1981 - portal.acm.org

... acquire a shared communication key; in public-key systems [2], the users must acquire each others' public keys. Needham and Schroeder propose key distribution ...

Cited by 464 - Related Articles - Web Search

Secret key agreement by public discussion from common information - all 6 versions »

UM Maurer - Information Theory, IEEE Transactions on, 1993 - ieeexplore.ieee.org

... Abstract-The problem of generating a shared secret key S ... but not sharing a secret key initially, is ... and Y according to some probability distribution PXYZ, can ...

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An attack on the Needham-Schroeder public-key authentication protocol - all 15 versions »

G Lowe - Information Processing Letters, 1995 - Elsevier

... that because the nonces are shared secrets, they ... GM Sacco, Timestamps in key distribution protocols, Comm. ... digital signatures and public-key cryptosystems, Comm ...

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Provably Secure Password-Authenticated Key Exchange Using Diffie-Heilman - all 12 versions »

V Boyko, P MacKenzie, S Patel - Advances in Cryptology-Eurocrypt 2000, 2000 - books.google.com

... do not rely on any specific distribution of passwords ... we assume a password-authenticated

key exchange protocol ... authentication is performed using shared passwords ...

Cited by 253 - Related Articles - Web Search

Signcryption and Its Applications in Efficient Public Key Solutions - all 7 versions »

Y Zheng - Information Security: First International Workshop, Isw'97, ..., 1998 - books.google.com

... key is derived from the Diffie-Hellman key $g^{x \cdot y} \bmod p$, or a key pre-distribution scheme [19]. ... In the case where a static key is a pre-shared random string ...

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New Public-Key Cryptosystem Using Braid Groups - all 12 versions »

KH Ko, SJ Lee, JH Cheon, JW Han, J Kang, C Park, K ... - Advances in Cryptology-Crypto 2000: 20th Annual ..., 2000 - books.google.com

... ay 2 a'. (d) B receives y, and computes the shared key $K = y^a$ by ... 4. CH Bennet and G. Brassard, Quantum cryptography: Public key distribution and coin tossing, Proc. ...

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New multiparty authentication services and key agreement protocols - all 13 versions »

G Ateniese, M Steiner, G Tsudik - Selected Areas in Communications, IEEE Journal on, 2000 - [ieeexplore.ieee.org](#)

... is very difficult in the centralized key distribution setting. ... sponding long-term public key of ... member obtains an (implicitly) authenticated shared key with ...

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Encrypted key exchange: password-based protocols secure against dictionary attacks - all 84 versions »

SM Bellovin, M Merritt - Research in Security and Privacy, 1992. Proceedings., 1992 ..., 1992 - [ieeexplore.ieee.org](#)

... Section 3 generalizes EKE, and shows how most public key distribution systems can be used. ... The password: a shared secret, often used as a key. ...

Cited by 598 - [Related Articles](#) - [Web Search](#)

Non-interactive public-key cryptography

U Maurer, Y Yacobi - Advances in Cryptology-EUROCRYPT'91 (LNCS 547), 1991 - Springer

... of the preferred version of the proposed non-interactive public key distribution system follows. ... the mutual secure cipher key KAB shared with user ...

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Provably secure session key distribution: the three party case - all 19 versions »

M Bellare, P Rogaway - Proceedings of the twenty-seventh annual ACM symposium on ..., 1995 - [portal.acm.org](#)

... capture the idea of a "pure" key distribution. ... Many protocols aim to distribute a key whose value ... the identities of those who want to have the shared key. ...

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